

#### ABSTRACT

A prepolymer is prepared by reacting a mixture containing (a) at least one multifunctional compound, (b) at least one diisocyanate, and (c) at least one diol. The diol has a weight average molecular weight of at most 6000.  
5 The prepolymer, when reacted with an excess of water, forms a hydrogel polymer. The mixture of the prepolymer and water may be reaction molded, and used to form a contact lens.